

Close up view showing
342 features of a 55K
(1X0.6 in) feature
array of spotted dye.

Figure 1

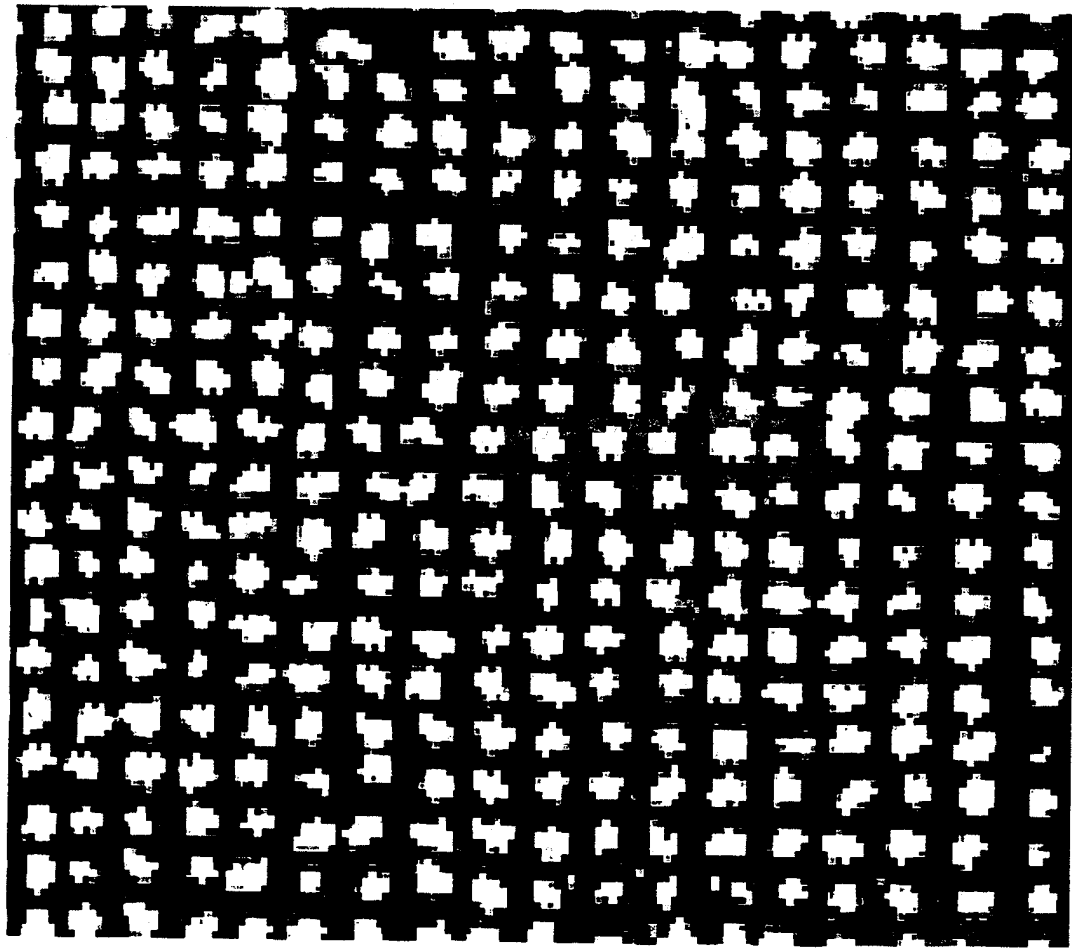


Figure 2

A competitive hybridization between experimental target and control target labeled with two different colors. Note in this approach features are not detectable unless a hybridization event occurs.

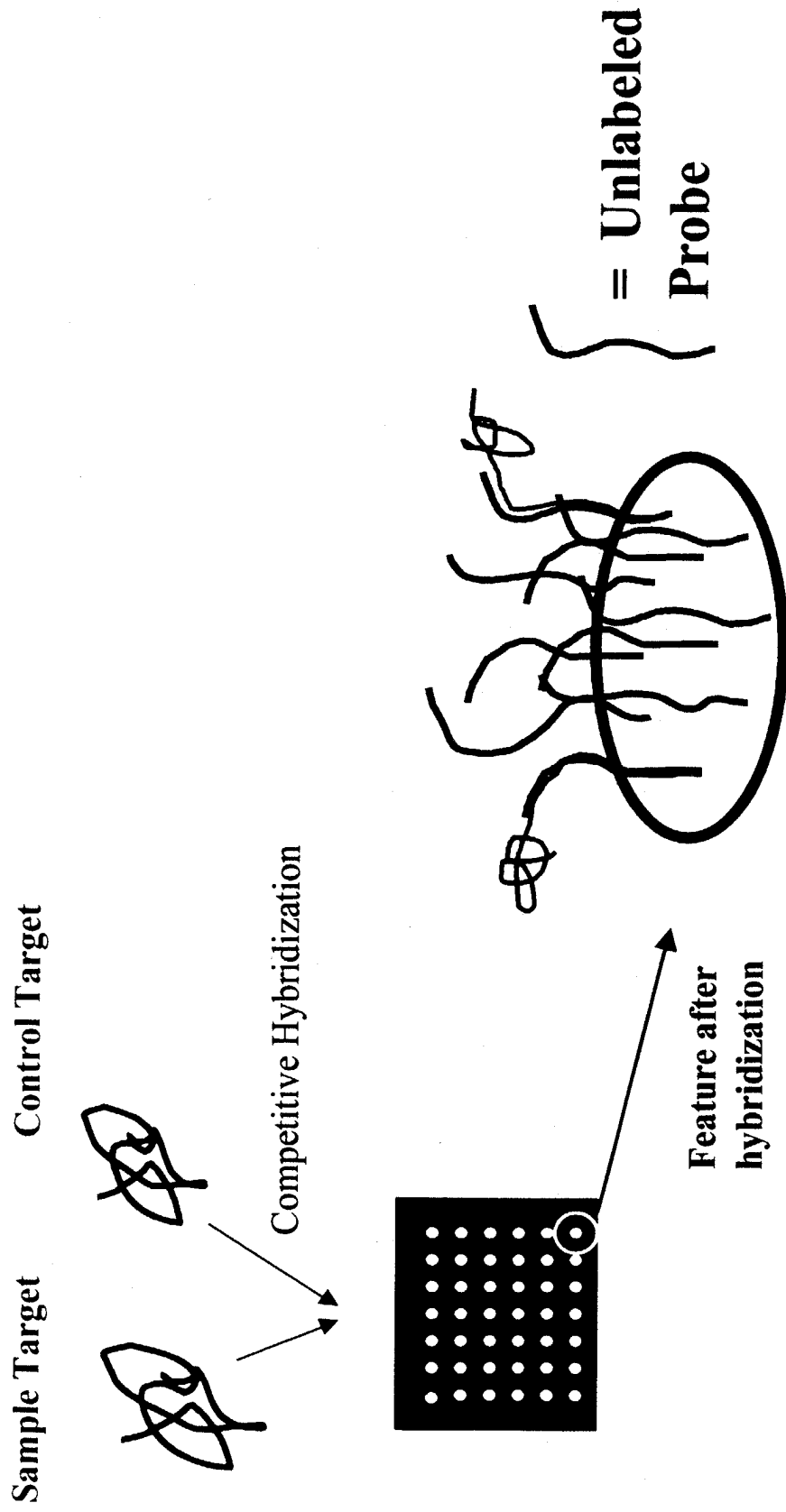


Figure 3

Put a third signal into each feature during manufacturing of the array. Use third signal for spot finding and quantitation. A competitive hybridization between biologically derived experimental and control targets labeled with two different colors is then performed.

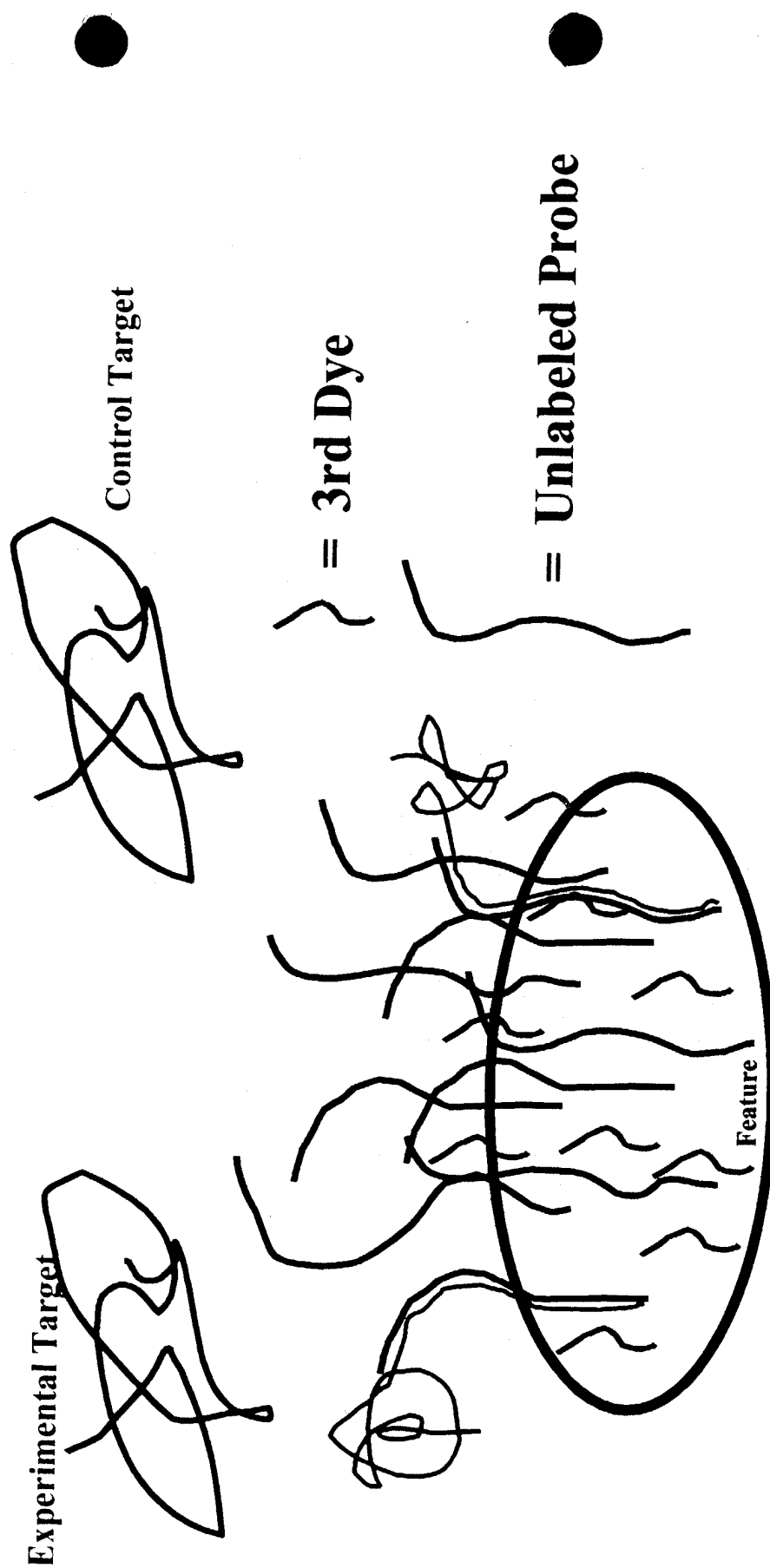
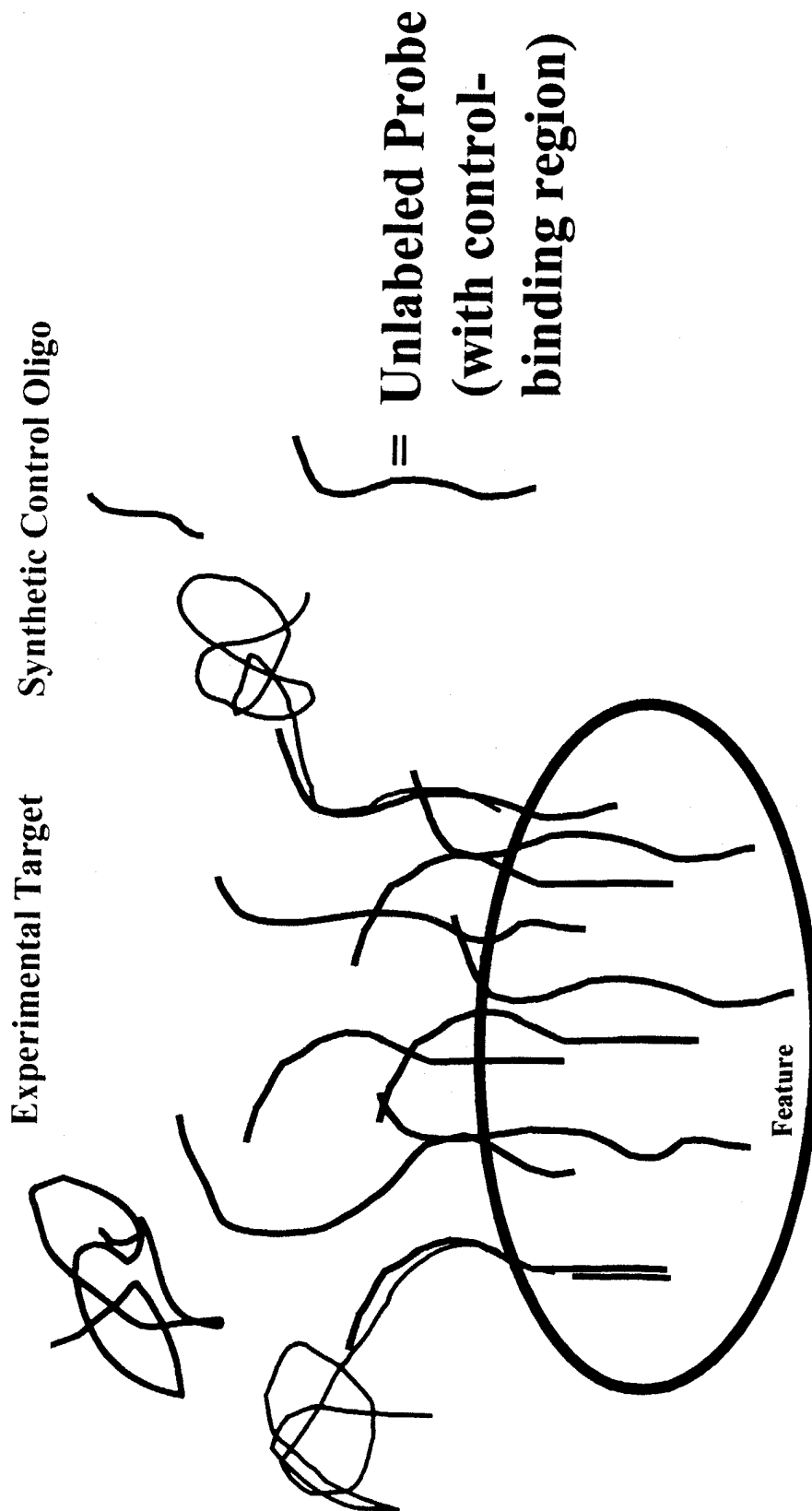


Figure 4

Deposit each feature without label. Perform non-competitive hybridization to array probes using a synthetic green-labeled control oligo and red-labeled cDNA samples. Requires a hybridization reagent containing a single green-labeled control oligo complementary to each feature on the array. Use green signal for spot finding and quantitation.



[illegible]

Sample Target

